
North America's Leader in Hazardous Material Information Management
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MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☒ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Ringer Corporation

Product Name: Safer Brand Garden Fungicide for Flowers, Fruit & Vegetables RTU

MATERIAL SAFETY DATA SHEET
(Complies with OSHA CFR 1910.1200, ANSI Z 400.1-1993)

SECTION 1: Chemical Product & Company Identification

Product Name(s): Safer® Brand Garden Fungicide for Flowers, Fruit & Vegetables RTU
MSDS Number: 5450, 5452, 5453 EPA Number: 42697-17
Manufacturer Name & Address: Safer®, Inc., a wholly owned subsidiary of Verdant Brands, Inc. 9555 James Avenue S., Suite 200,
Bloomington, MN 55431
Telephone Contact Number & Hours of Operation: (612) 703-3300, 8:00 a.m. - 5:00 Central Time
Emergency Telephone Contact Number: Chemtrec 1-800-424-9300

SECTION 2: Composition/Information on Ingredients

Hazardous Ingredients ⁽¹⁾ :	% by weight	CAS No.	OSHA PEL TWA	PEL STEL	ACGIH TLV TWA	STEL
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N/A (mixture is >99 % water & .40% sulfur)

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

Physical description: Straw yellow liquid

Odor: slight sulfur odor

Potential Health Effects: This material may be slightly irritating to the eyes and skin. Personnel responding to a spill of this material would likely encounter no other substantial hazards.

SECTION 4: First Aid Measures

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: If swallowed, promptly drink large amounts of water. Never give liquids to an unconscious person Get medical attention.

Eye Contact: Flush eyes with plenty of water. Call a physician if irritation persists.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth Get medical attention.

SECTION 5: Fire Fighting Measures

Extinguishing media: CO₂, dry chemical, foam, water Flashpoint: > 200 °F (CCP)

Hazardous products of combustion: not determined

Autoignition temp: not applicable

NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

SECTION 6: Accidental Release Measures

Spills: Rinse with abundant water and mop up (See Disposal Comments in Section 13)

SECTION 7: Handling & Storage

Storage: Store away from heat, out of reach of children. Do not contaminate water, food or feed by storage or disposal. Do not reuse container.

SECTION 8: Exposure Controls & Personal Protective Equipment

Skin: Protective gloves recommended

Eye Protection: Recommended to avoid contact of material directly into eyes

Respiratory: In typical applications no engineering controls should be needed; if industrial hygiene surveys show that occupational exposure limits may be exceeded, use NIOSH approved respirator with organic vapor/dust/mist cartridges

SECTION 9: Physical & Chemical Parameters

Appearance: Straw yellow

Physical state: liquid

Bulk density: 1.0

Vapor pressure: not determined

Boiling point: not determined

Odor: Slight sulfur odor

Solubility in water: complete

pH: 10

Vapor density: not determined

Freezing point: not determined

SECTION 10: Stability & Reactivity

Stability: stable

Conditions to avoid: excessive heat

Incompatibilities: oxidizers, nitrates, oils

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Oral LD₅₀ = >5,000 mg/kg Dermal = >5,000 mg/kg Inhalation LC₅₀ = >5,000 mg/m³

Not a contact sensitizer

Carcinogens: None listed per OSHA, NTP, or IARC

SECTION 12: Ecological Information

Ecotoxicity: May be hazardous to aquatic invertebrates. Do not apply directly to water; do not contaminate water by cleaning of equipment or disposal of washwaters.

Environmental Fate: No data available

SECTION 13: Disposal Considerations

This material (as packaged) is not considered a hazardous waste. Be aware that the waste owner has responsibility for final disposal. Regulations may also apply to empty containers, liners or rinsate. Laws may change or be reinterpreted; state and local regulations may be different from federal regulations. This information applies to materials as manufactured; contamination or processing may change waste characteristics and requirements.

SECTION 14: Transport Information

DOT Hazard Description: not regulated

SECTION 15: Regulatory Information

SARA Title III: not regulated

Individual States: States such as Pennsylvania, New Jersey, California, Vermont, Massachusetts and Rhode Island may all have components of this product listed; consult specific state regulatory requirements for additional information.

SECTION 16: Other Information

For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLVs (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.

This information is provided in good faith, but without express or implied warranty.